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OM nucleic - nucleic search, using sw model

Run on: March 15, 2003, 15:05:45 ; Search time 1.34316 Seconds  
 (without alignments)  
 10973.529 Million cell updates/sec

Title: US-08-978-217-13

Perfect score: 21  
 Sequence: 1 CCGGGACATCCATCCACCC 21

Scoring table: IDENTITY\_NUC  
 Gapop 10.0 , Gapext 1.0

Searched: 501302 seqs, 350932545 residues

Total number of hits satisfying chosen parameters: 1002604

Minimum DB seq length: 0  
 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
 Maximum Match 100%  
 Listing first 45 summaries

Database : Published Applications NA:\*

1: /cgn2\_6/prodata/2/pubpna/us07\_pubcomb.seq:\*

2: /cgn2\_6/ptodata/2/pubpna/pt\_new\_pub.seq:\*

3: /cgn2\_6/ptodata/2/pubpna/us06\_pubcomb.seq:\*

4: /cgn2\_6/ptodata/2/pubpna/us07\_new\_pub.seq:\*

5: /cgn2\_6/ptodata/2/pubpna/us07\_pubcomb.seq:\*

6: /cgn2\_6/ptodata/2/pubpna/ptctus\_pubcomb.seq:\*

7: /cgn2\_6/prodata/2/pubpna/us08\_new\_pub.seq:\*

8: /cgn2\_6/ptodata/2/pubpna/us08\_pubcomb.seq:\*

9: /cgn2\_6/ptodata/2/pubpna/us09\_new\_pub.seq:\*

10: /cgn2\_6/prodata/2/pubpna/us09\_pubcomb.seq:\*

11: /cgn2\_6/prodata/2/pubpna/us10\_new\_pub.seq:\*

12: /cgn2\_6/ptodata/2/pubpna/us10\_pubcomb.seq:\*

13: /cgn2\_6/prodata/2/pubpna/us60\_new\_pub.seq:\*

14: /cgn2\_6/ptodata/2/pubpna/us60\_pubcomb.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

### SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
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c 1 21 100.0 499 10 US-09-998-528-2290 Sequence 2290, App

c 2 21 100.0 502 9 US-10-076-622-282 Sequence 282, App

c 3 21 100.0 502 10 US-09-604-287A-282 Sequence 282, App

c 4 21 100.0 502 10 US-09-339-338-282 Sequence 282, App

c 5 21 100.0 502 12 US-10-007-852-282 Sequence 282, App

c 6 21 100.0 1915 10 US-09-964-824A-101 Sequence 101, App

c 7 21 100.0 1915 10 US-09-964-824A-563 Sequence 563, App

c 8 21 100.0 1915 10 US-09-880-177-3420 Sequence 3420, App

c 9 21 100.0 1915 10 US-09-967-768A-192 Sequence 192, App

c 10 21 100.0 1917 9 US-10-025-380-1105 Sequence 1105, App

c 11 21 100.0 1917 10 US-09-922-217-1105 Sequence 1105, App

c 12 21 100.0 1996 10 US-09-925-331-207 Sequence 207, App

c 13 17.8 84.8 250 10 US-09-864-751-21324 Sequence 21324, App

c 14 17.8 84.8 472 10 US-09-864-751-4580 Sequence 4580, App

c 15 16.2 77.1 165 9 US-09-158-722-1 Sequence 1, App

c 16 16.2 77.1 361 10 US-09-735-765-303 Sequence 303, App

c 17 16.2 77.1 361 10 US-09-850-716A-303 Sequence 303, App

c 18 16.2 77.1 361 10 US-09-897-778-303 Sequence 303, App

c 19 16.2 77.1 427 10 US-09-879-536-567 Sequence 567, App

### ALIGNMENTS

RESULT 1  
 US-09-998-598-2290/c  
 Sequence 2290, Application US/09998598

; Patent No. US20020150922A1  
 ; GENERAL INFORMATION:

; APPLICANT: Stolk, John A.

; APPLICANT: Xu, Jiangchun

; APPLICANT: Chenault, Ruth A.

; TITLE OF INVENTION: MEAHER, MADELEIN JOY

; TITLE OF INVENTION: DIAGNOSIS OF COLON CANCER

; FILE REFERENCE: 210121.561

; CURRENT APPLICATION NUMBER: US/09-998, 598

; CURRENT FILING DATE: 2001-11-16

; NUMBER OF SEQ ID NOS: 2606

; SOFTWARE: Corixa Invention Disclosure Database

; SEQ ID NO: 2290

; LENGTH: 499

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-998-598-2290

Query Match: 100.0%; Score: 21; DB: 10; Length: 499;

Best Local Similarity: 100.0%; Pred. No.: 0.97; Matches: 21; Conservative: 0; Mismatches: 0; Indels: 0; Gaps: 0;

Ov 1 CCGGGACATCCATCCACCC 21

Db 324 CCGGGACATCCATCCACCC 304

; GENERAL INFORMATION:

; APPLICANT: Houghton, Raymond L.

; APPLICANT: Sleath, Paul R.

; TITLE OF INVENTION: PERSING, DAVID H.

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY

; TITLE OF INVENTION: AND DIAGNOSIS OF BREAST CANCER

; FILE REFERENCE: 210121.470C11

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; CURRENT APPLICATION NUMBER: US110/076,622
; CURRENT FILING DATE: 2002-02-13
; NUMBER OF SEQ ID NOS: 627
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 282
; LENGTH: 502
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-1076-622-282

; Query Match 100.0%; Score 21; DB 9; Length 502;
; Best Local Similarity 100.0%; Pred. No. 0.97; 0; Mismatches 0; Indels 0; Gaps 0;
; Matches 21; Conservative 0; MisMatches 0;
QY 1 CCGGGACATCTCATCCACCC 21
Db 290 CCGGGACATCTCATCCACCC 310

; RESULT 3
; US-09-604-287A-282
; Sequence 282, Application US/09604287A
; Patent No. US2002064872A1
; GENERAL INFORMATION:
; APPLICANT: Jiang, Yugu
; APPLICANT: Dillon, Devin C.
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Xu, Jiangchun
; APPLICANT: Harlock, Susan L.
; APPLICANT: Hepler, William T.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF BREAST CANCER
; FILE REFERENCE: 210121.470C07
; CURRENT APPLICATION NUMBER: US/09/604,287A
; CURRENT FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 489
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 282
; LENGTH: 502
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-604-287A-282

Query Match 100.0%; Score 21; DB 10; Length 502;
Best Local Similarity 100.0%; Pred. No. 0.97; 0; Mismatches 0; Indels 0; Gaps 0;
Matches 21; Conservative 0; MisMatches 0;
QY 1 CCGGGACATCTCATCCACCC 21
Db 290 CCGGGACATCTCATCCACCC 310

; RESULT 4
; US-09-339-338-282
; Sequence 282, Application US/09339338A
; Patent No. US20020102020A1
; GENERAL INFORMATION:
; APPLICANT: Yugu, Jiang
; APPLICANT: Dillon, Devin C.
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Xu, Jiangchun
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; TITLE OF INVENTION: DIAGNOSIS OF BREAST CANCER AND METHODS FOR THEIR USE
; FILE REFERENCE: 210121.470C02
; CURRENT APPLICATION NUMBER: US/09/339,338A
; CURRENT FILING DATE: 1999-06-23
; NUMBER OF SEQ ID NOS: 315
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 282
; LENGTH: 502
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-339-338-282

; Query Match 100.0%; Score 21; DB 10; Length 502;
; Best Local Similarity 100.0%; Pred. No. 0.97; 0; Mismatches 0; Indels 0; Gaps 0;
; Matches 21; Conservative 0; MisMatches 0;
QY 1 CCGGGACATCTCATCCACCC 21
Db 290 CCGGGACATCTCATCCACCC 310

; RESULT 5
; US-10-007-805-282
; Sequence 282, Application US/10007805
; Patent No. US20020150581A1
; GENERAL INFORMATION:
; APPLICANT: Jiang, Yugu
; APPLICANT: Dillon, Devin C.
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Xu, Jiangchun
; APPLICANT: Harlock, Susan L.
; APPLICANT: Hepler, William T.
; APPLICANT: Henderson, Robert A.
; APPLICANT: Fager, Gary R.
; APPLICANT: Vedvick, Thomas S.
; APPLICANT: McNeill, Patricia D.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF BREAST CANCER
; CURRENT APPLICATION NUMBER: US/10/007,805
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 593
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 282
; LENGTH: 502
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-007-805-282

Query Match 100.0%; Score 21; DB 12; Length 502;
Best Local Similarity 100.0%; Pred. No. 0.97; 0; Mismatches 0; Indels 0; Gaps 0;
Matches 21; Conservative 0; MisMatches 0;
QY 1 CCGGGACATCTCATCCACCC 21
Db 290 CCGGGACATCTCATCCACCC 310

; RESULT 6
; US-09-964-824A-101
; Sequence 101, Application US/09964824A
; Patent No. US20020102531A1
; GENERAL INFORMATION:
; APPLICANT: Horrigan, Stephen
; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signatu
; FILE REFERENCE: 689990-73
; CURRENT APPLICATION NUMBER: US/09/964,824A
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US/60/236,033
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US/60/236,032
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US/60/236,028
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 583
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 101
; LENGTH: 1915
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-964-824A-101

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Query Match 100.0%; Score 21; DB 10; Length 1915;  
 Best Local Similarity 100.0%; Pred. No. 1.1; 0; Mismatches  
 Matches 21; Conservative 0; Indels 0; Gaps 0;

Qy 1 CCGGGACATCTCATCCACCC 21  
 Db 956 CCGGGACATCTCATCCACCC 976

RESULT 7  
 US-09-964-824A-563  
 ; Sequence 563, Application US/09964824A  
 ; Patent No. US2002010531A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Horrigan, Stephen  
 ; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signatu  
 ; TITLE OF INVENTION: Sets  
 ; FILE REFERENCE: 689290-73  
 ; CURRENT APPLICATION NUMBER: US/09/964, 824A  
 ; CURRENT FILING DATE: 2001-09-27  
 ; PRIOR APPLICATION NUMBER: US/60/236, 033  
 ; PRIOR FILING DATE: 2000-09-28  
 ; PRIOR APPLICATION NUMBER: US/60/236, 032  
 ; PRIOR FILING DATE: 2000-09-28  
 ; PRIOR APPLICATION NUMBER: US/60/236, 028  
 ; PRIOR FILING DATE: 2000-09-28  
 ; SEQ ID NO 563  
 ; LENGTH: 1915  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-964-824A-563

Query Match 100.0%; Score 21; DB 10; Length 1915;  
 Best Local Similarity 100.0%; Pred. No. 1.1; 0; Mismatches 0; Indels 0; Gaps 0;  
 Matches 21; Conservative 0; Indels 0; Gaps 0;

Qy 1 CCGGGACATCTCATCCACCC 21  
 Db 956 CCGGGACATCTCATCCACCC 976

RESULT 8  
 US-09-880-107-3420  
 ; Sequence 3420, Application US/09880107  
 ; Patent No. US20020142981A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Horne, Darci T.  
 ; APPLICANT: Vockley, Joseph G.  
 ; APPLICANT: Scherf, Uwe  
 ; APPLICANT: Gene Logic, Inc.  
 ; TITLE OF INVENTION: Gene Expression Profiles in Liver Cancer  
 ; FILE REFERENCE: 44921-5028-WO  
 ; CURRENT APPLICATION NUMBER: US/09/880,107  
 ; CURRENT FILING DATE: 2001-06-14  
 ; PRIOR APPLICATION NUMBER: US 60/211,379  
 ; PRIOR FILING DATE: 2000-06-14  
 ; PRIOR FILING DATE: 2000-10-02  
 ; NUMBER OF SEQ ID NOS: 3950  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 3420  
 ; LENGTH: 1915  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; FEATURE:  
 ; OTHER INFORMATION: Genbank Accession No. US20020142981A1 U73843  
 ; US-09-880-107-3420

Query Match 100.0%; Score 21; DB 10; Length 1915;  
 Best Local Similarity 100.0%; Pred. No. 1.1; 0; Mismatches  
 Matches 21; Conservative 0; Indels 0; Gaps 0;

Qy 1 CCGGGACATCTCATCCACCC 21  
 Db 956 CCGGGACATCTCATCCACCC 976

RESULT 9  
 US-09-967-768A-192  
 ; Sequence 192, Application US/09967768A  
 ; Patent No. US20020150877A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Augustus, Meena  
 ; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signatu  
 ; TITLE OF INVENTION: Sets  
 ; FILE REFERENCE: 689290-72  
 ; CURRENT APPLICATION NUMBER: US/09/967, 768A  
 ; CURRENT FILING DATE: 2001-09-28  
 ; PRIOR APPLICATION NUMBER: US/60/236, 109  
 ; PRIOR FILING DATE: 2000-09-28  
 ; PRIOR APPLICATION NUMBER: US/60/236, 034  
 ; PRIOR FILING DATE: 2000-09-28  
 ; PRIOR APPLICATION NUMBER: US/60/236, 111  
 ; PRIOR FILING DATE: 2000-09-28  
 ; NUMBER OF SEQ ID NOS: 325  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 192  
 ; LENGTH: 1915  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-967-768A-192

Query Match 100.0%; Score 21; DB 10; Length 1915;  
 Best Local Similarity 100.0%; Pred. No. 1.1; 0; Mismatches 0; Indels 0; Gaps 0;  
 Matches 21; Conservative 0; Indels 0; Gaps 0;

Qy 1 CCGGGACATCTCATCCACCC 21  
 Db 956 CCGGGACATCTCATCCACCC 976

RESULT 10  
 US-10-025-380-1105  
 ; Sequence 1105, Application US/10025380  
 ; Publication No. US20020182191A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Xu, Jiangchun  
 ; APPLICANT: Iodes, Michael J.  
 ; APPLICANT: Secrist, Heather  
 ; APPLICANT: Benson, Dakin R.  
 ; APPLICANT: Meagher, Madeleine Joy  
 ; APPLICANT: Stolk, John A.  
 ; APPLICANT: Wang, Tongqong  
 ; APPLICANT: Jiang, Yugu  
 ; APPLICANT: Smith, Carole L.  
 ; APPLICANT: King, Gordon E.  
 ; APPLICANT: Wang, Aijun  
 ; APPLICANT: Clapper, Jonathan D.  
 ; APPLICANT: Skeiky, Yairi A. W.  
 ; APPLICANT: Ranger, Gary R.  
 ; APPLICANT: Vedwick, Thomas S.  
 ; APPLICANT: Carter, Darick  
 ; TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS  
 ; TITLE OF INVENTION: OF COLON CANCER AND METHODS FOR THEIR USE  
 ; FILE REFERENCE: 210121-471C14  
 ; CURRENT APPLICATION NUMBER: US/10/025, 380  
 ; CURRENT FILING DATE: 2001-12-19  
 ; NUMBER OF SEQ ID NOS: 1129  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO 1105  
 ; LENGTH: 1917  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-10-025-380-1105

Query Match 100.0%; Score 21; DB 9; Length 1917;  
 Best local Similarity 100.0%; Pred. No. 1.1; 0; Mismatches 0; Indels 0; Gaps 0;  
 Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 11  
 Sequence 1105, Application US/09922217  
 Patent No. US20050076414A1  
 GENERAL INFORMATION:  
 APPLICANT: Xu, Jiangchun  
 APPLICANT: Lodes, Michael J.  
 APPLICANT: Secrist, Heather  
 APPLICANT: Benson, Darin R.  
 APPLICANT: Meagher, Madeleine Joy  
 APPLICANT: Stolk, John A.  
 APPLICANT: Wang, Tongtong  
 APPLICANT: Jiang, Yuqiu  
 APPLICANT: Smith, Carole Lynn  
 APPLICANT: King, Gordon E.  
 APPLICANT: Wang, Arjun  
 APPLICANT: Clapper, Jonathan D.  
 TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS  
 TITLE OF INVENTION: OF COLON CANCER AND METHODS FOR THEIR USE  
 FILE REFERENCE: 210121.471C13  
 CURRENT APPLICATION NUMBER: US/09/9322,217  
 CURRENT FILING DATE: 2001-08-03  
 NUMBER OF SEQ ID NOS: 1124  
 SOFTWARE: FastSEQ for Windows Version 4.0  
 SEQ ID NO 1105  
 LENGTH: 1917  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 US-09-922-217-1105

RESULT 12  
 Query Match 100.0%; Score 21; DB 10; Length 1917;  
 Best local Similarity 100.0%; Pred. No. 1.1; 0; Mismatches 0; Indels 0; Gaps 0;  
 Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCGGGACATCTCATCCACCC 21  
 Db 958 CCGGGACATCTCATCCACCC 978

RESULT 13  
 Sequence 21324, Application US/09864761  
 Patent No. US20020040763A1  
 GENERAL INFORMATION:  
 APPLICANT: Penn, Sharron G.  
 APPLICANT: Rank, David R.  
 APPLICANT: Hanzel, David K.  
 APPLICANT: Chen, Wensheng  
 TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR  
 FILE REFERENCE: Aenonica-X-1  
 CURRENT APPLICATION NUMBER: US/09/864, 761  
 CURRENT FILING DATE: 2001-05-23  
 PRIOR APPLICATION NUMBER: US 60/180, 312  
 PRIOR FILING DATE: 2000-02-04  
 PRIOR APPLICATION NUMBER: US 60/207, 456  
 PRIOR FILING DATE: 2000-05-25  
 PRIOR APPLICATION NUMBER: US 60/332, 366  
 PRIOR FILING DATE: 2000-08-03  
 PRIOR APPLICATION NUMBER: GB 24263, 6  
 PRIOR FILING DATE: 2000-10-04  
 PRIOR APPLICATION NUMBER: US 60/236, 319  
 PRIOR FILING DATE: 2000-09-27  
 PRIOR APPLICATION NUMBER: PCT/US01/00656  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00657  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00664  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00669  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00665  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00668  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00663  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00662  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00661  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00670  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: US 60/234, 687  
 PRIOR FILING DATE: 2000-09-21  
 PRIOR APPLICATION NUMBER: US 09/608, 408  
 PRIOR FILING DATE: 2000-06-30  
 PRIOR APPLICATION NUMBER: US 09/774, 203  
 PRIOR FILING DATE: 2001-01-29  
 NUMBER OF SEQ ID NOS: 49117  
 SOFTWARE: Anamax Sequence Listing Engine vers. 1.1  
 SEQ ID NO 21324  
 LENGTH: 250  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 FEATURE:  
 OTHER INFORMATION: MAP TO AC012513.2  
 OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 2.7  
 OTHER INFORMATION: EXPRESSED IN HEL10, SIGNAL = 2.5  
 OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 2.7  
 OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 2.6  
 OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 2.5  
 OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 2.7  
 OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 2.5  
 OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 2.2

Query Match 100.0%; Score 21; DB 10; Length 1996;  
 Best local Similarity 100.0%; Pred. No. 1.1; 0; Mismatches 0; Indels 0; Gaps 0;

OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 2.5  
 OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.9  
 OTHER INFORMATION: NT HIT: AB03820.1, EVALU 0.00e+00  
 OTHER INFORMATION: EST HUMAN HIT: AW54545.1, EVALU 0.00e+00  
 OTHER INFORMATION: SWISSPROT HIT: P17931, EVALU 3.70e+00  
 US-09-864-761-21324

Query Match 84.8%; Score 17.8; DB 10; Length 250;  
 Best Local Similarity 90.5%; Pred. No. 26;  
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
 QY 1 CCGGGACATCCATCCACCC 21  
 Db 112 CCCGGACCTCCATCCACCC 132

RESULT 14  
 US-09-864-761-4380

Sequence 4580, Application US/09804761  
 Patent No. US200205048761A1  
 GENERAL INFORMATION:

APPLICANT: Penn, Sharron G.  
 APPLICANT: Rank, David R.  
 APPLICANT: Hanzel, David K.  
 APPLICANT: Chen, Wensheng

TITLE OF INVENTION: HUMAN GENOME DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR  
 TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY

FILE REFERENCE: Acomic-X-1

CURRENT APPLICATION NUMBER: US/09/864, 761

CURRENT FILING DATE: 2001-05-23

PRIOR APPLICATION NUMBER: US 60/180, 312

PRIOR FILING DATE: 2000-02-04

PRIOR APPLICATION NUMBER: US 60/207, 456

PRIOR FILING DATE: 2000-05-25

PRIOR APPLICATION NUMBER: US 09/632, 366

PRIOR FILING DATE: 2000-08-03

PRIOR APPLICATION NUMBER: GB 24263. 6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236, 359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00662

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00661

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00670

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 60/234, 687

PRIOR FILING DATE: 2000-09-21

PRIOR APPLICATION NUMBER: US 09/608, 408

PRIOR FILING DATE: 2000-06-30

PRIOR APPLICATION NUMBER: US 09/774, 203

PRIOR FILING DATE: 2001-01-29

NUMBER OF SEQ ID NOS: 49117

SOFTWARE: Atonomax Sequence Listing Engine vers. 1.1

SEQ ID NO 4580

LENGTH: 472

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE: CDS

RESULT 15  
 US-09-158-722-1/c

Sequence 1, Application US/09158722  
 Publication No. US2003013848A1  
 GENERAL INFORMATION:

APPLICANT: Lemke Ph. D. et al., Greg E.

TITLE OF INVENTION: PROBIN-TYROSINE KINASE GENES

NUMBER OF SEQUENCES: 54

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson P.C.  
 STREET: 4225 Executive Square, Suite 1400  
 CITY: La Jolla  
 STATE: CA  
 COUNTRY: US  
 ZIP: 92037

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/158, 722  
 FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/456, 647  
 FILING DATE: 02-JUN-1995  
 APPLICATION NUMBER: US 08/237, 401  
 FILING DATE: 02-MAY-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/884, 486  
 FILING DATE: 15-MAY-1992

ATTORNEY/AGENT INFORMATION

NAME: Wetherell Ph. D., John R.

REGISTRATION NUMBER: 31, 678

REFERENCE/DOCKET NUMBER: 07251/007002

TELECOMMUNICATION INFORMATION:

TELEPHONE: (619) 678-5070  
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INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 165 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

IMMEDIATE SOURCE:

CLONE: Tyro-1

FEATURE:

NAME/KEY: CDS

LOCATION: 1..165

US-09-158-722-1

Query Match 77.1%; Score 16.2; DB 9; Length 165;  
Best Local Similarity 85.7%; Pred. No. 1.3e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1 CCGGACATCCTCATCCACCC 21  
Db 76 CCGGTCATCCTCAAGCACCC 56

Search completed: March 15, 2003, 23:29:36  
Job time : 4.34316 secs